Fig. 1

With a select code data errors are avoided
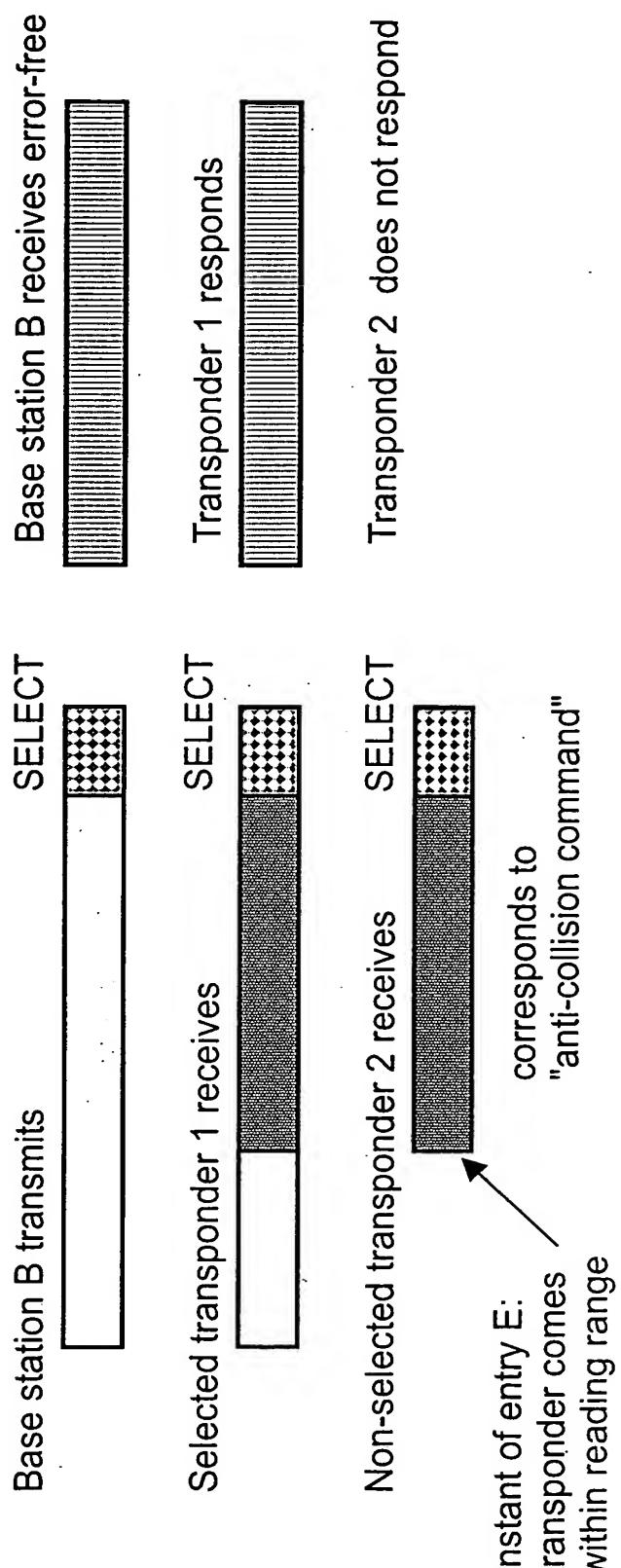
Base station B transmits   SELECT   Base station B receives error-free

Selected transponder 1 receives   SELECT   Transponder 1 responds

Non-selected transponder 2 receives   SELECT   Transponder 2 does not respond

corresponds to
"anti-collision command"

Instant of entry E:
transponder comes
within reading range

Fig. 2